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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION REPORT  
REGION V

DATE: May 6, 1994

FROM: Rose Ellison, OSC, U.S. EPA, Region V, RS1, Grosse Ile, MI

TO:

D. Dietrich-Attn.: T. Johnson, USEPA, OSWER, WASH. D.C.... (VIA FAX)  
R. Karl, Acting Chief, EERB, Chicago, Il..... (VIA FAX)  
J. Cisneros, Chief, ESS, Chicago, Il..... (VIA FAX)  
R. Powers, EERB, Chief RS-1, Grosse Ile, MI..... (ERU REG.V)  
M. McCue-ATTN.: L. Leveque, OPA, Chicago, Il..... (VIA FAX)  
D. Tanaka, ORC, Chicago, Il..... (VIA FAX)  
D. Oyinsan, MDNR, Livonia, MI..... (VIA FAX)  
Duty officer, National Response Center, Wash. D.C..... (U.S. MAIL)

Subject: Ford/Allen Park, Allen Park, MI  
POLREP: First and Final

II. BACKGROUND

Site No.: ZZ

Response Authority: CERCLA/PRP (Ford Motor Company)

NPL Status: NON-NPL

Start Date: April 18, 1993

III. INCIDENT INFORMATION:

A. Situation:

Weather Conditions: Sunny and Warm, 65 degrees

The incident occurred at the Ford Motor Company, Engine Manufacturing Development Operation (EMDO) facility at 17000 Southfield Road, Allen Park, Michigan. The Reeck Drain runs through the site and eventually into the lower branch of the Ecorse River. The OSC was called out to the site to inspect an oil spill that had been reported to the NRC. Upon arrival it was noted that the spill was being addressed. The OSC inspected the activities. During this inspection a separate spill of a suspected floor wax stripping compound was discovered by the OSC. The spill had created a plume in the Reeck Drain. The Reeck Drain is a drainage ditch that eventually empties into the Ecorse River.

Inspection of the situation by EMDO personnel and the OSC determined that one of the cleaning contractors had dumped the stripping compound into the parking lot east of the facility and into a storm drain west of the facility. The compound had flowed across the parking lot and through the storm drain into the Reeck Drain. Analysis of pH found the compound in the

parking lot was over 11 and that the it had increased the pH of the drain waters and sediment. The MSDS for the compound revealed that its pH was above 13.

B. Actions Taken:

On April 18, 1994, the EMDO had addressed the spill by collecting the compound that was in the storm sewer with a vac-truck. The compound was also washed off the parking lot using a power washer. Booms were placed in the Reeck Drain downstream of the spill to help contain it. On April 19, 1994, the OSC mobilized the TAT to perform a SPCC inspection at the site and monitor the clean up of the spill. After a site inspection and the SPCC plan review the OSC, TAT, and EMDO personnel held a meeting to outline remaining actions to be taken regarding the spill.

On April 20, 1994, the Reeck Drain was diked to prevent water from flowing within the contamination area and the water was pumped out into the sanitary sewer system after receiving approval from local officials. The contaminated drain sediments and soils around the drain were removed and stored to await disposal approval. The sediments were replaced with clean sand and the contaminated soils were replaced with fresh topsoil and sod. All activities were completed April 22, 1994.

C. Future Plans:

The OSC and the TAT will continue to monitor the situation. The EMDO personnel have been requested to report analytical results on the soils and sediments to the OSC. They are also to report disposal information and provide written documentation of the Department of Public Works approval of the water discharge to the sanitary sewer system.

OSC Rose Ellison  
Status of case: Closed